

FIG.1

Registration Mobile Node to Home Agent reglest Authentication Extension

206

Registration Mobile Node to Home Agent reply Mothermatication Extension

206

Registration Mobile Node to Home Agent reply Authentication Extension

208 210 212 214

Tyre= Length Registration Authenticator MH Length Registration Authenticator

216

Protected Area

FIG.2

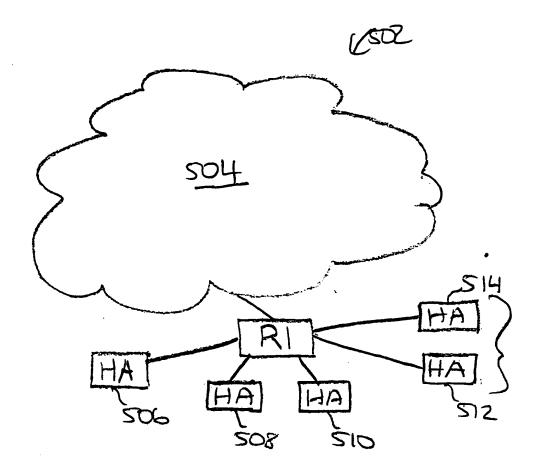
305 STHICT MN constructs registration request including randed area MN generates authenticator by hashing protected area with Icely MN sends reg. request (protected area and authenticator) to HA 308 HA identifies key, algorithm, etc. from of the registration request HA generates authemicans by 312 hathing preserved area with the key using the algorithm identified 261 rethenticalis metrich cuthomicated Authenticated

TO C

FIG.3

406 -4108 -410 214ر SPI replay algorithm mode Key eigi, RSA Key 1 +imestanp) IPAUS SPIZ e.g., 12A timestamp2 Keyz IPaddr3 SPI3 e.g., 125A Key3 timestamp3 IPaddMI SPIN Keyni Vichilation

FIG.4



F1G, 5

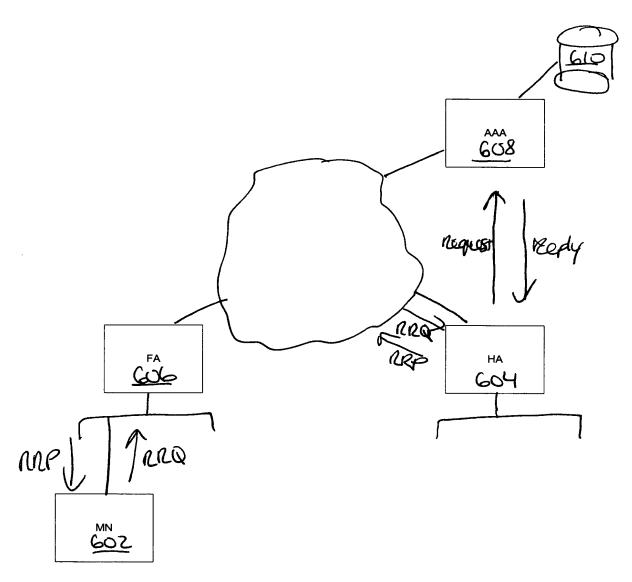
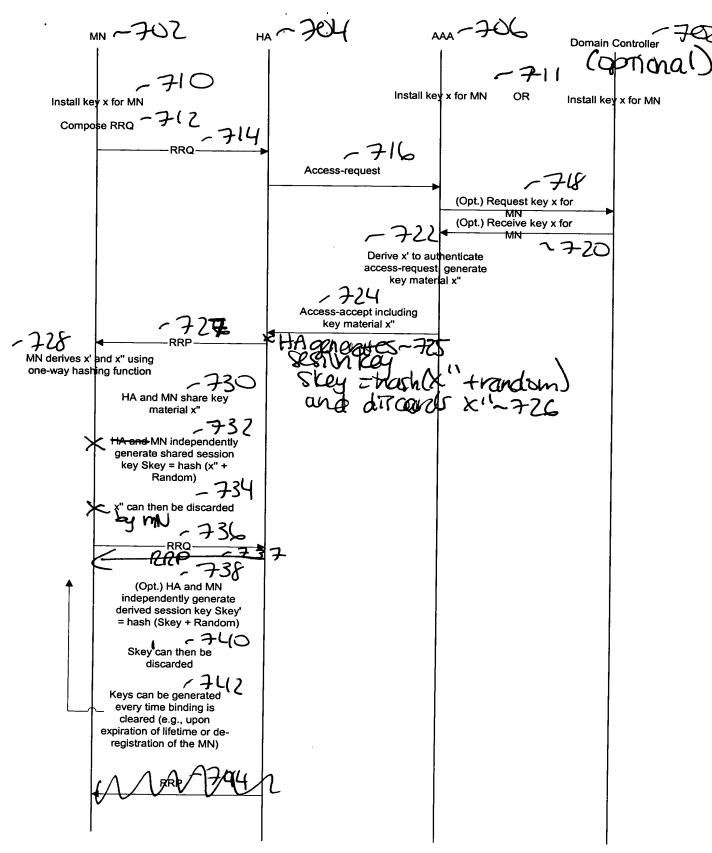
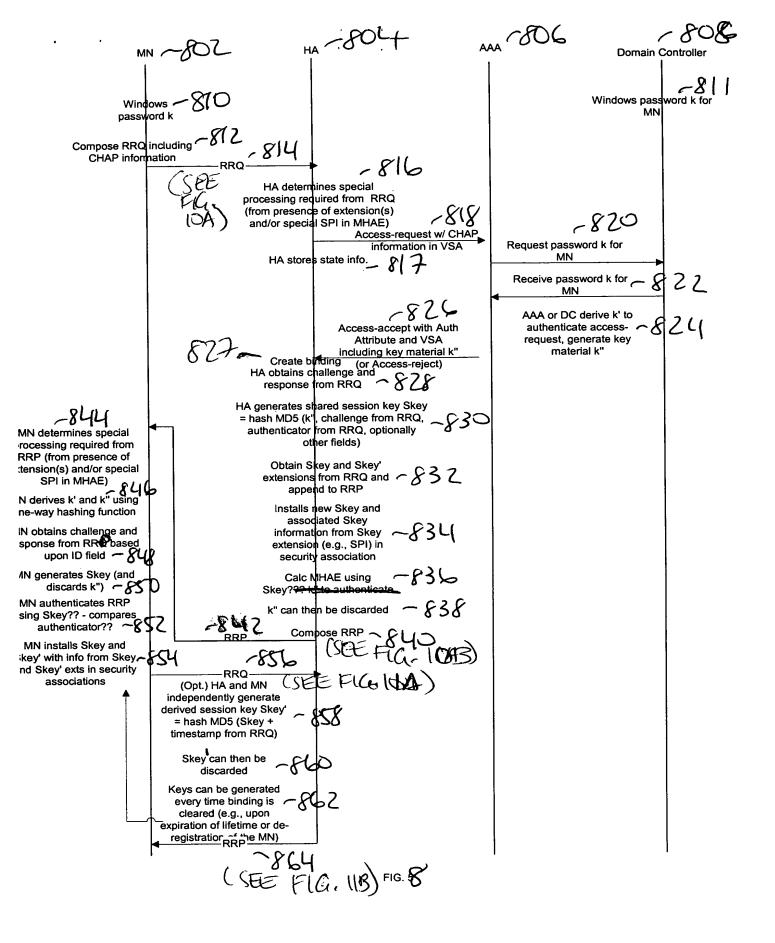
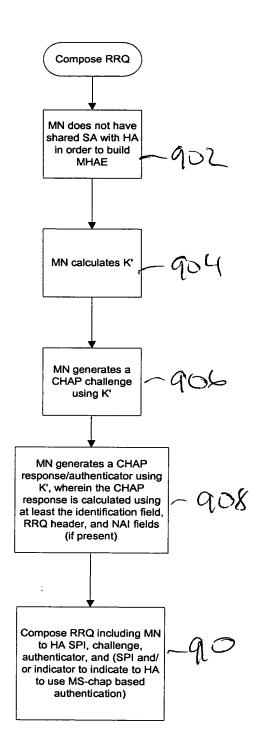


FIG.







L100

1010 1012 1014 1016 S'-Key extension S-Key extension 1002 1004 including SPI2, Authenticator/ RRQ MHAE with including SPI1, replay protection, NAI challenge Challenge Auth protocol and algorithm header replay protection, sp cific SPI response THIS SENT IN and algorithm

FIG. A

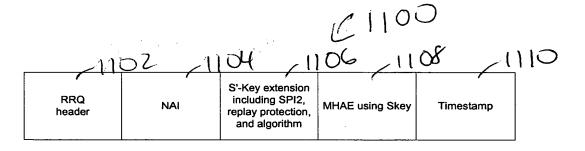


FIG. FIG.

1017

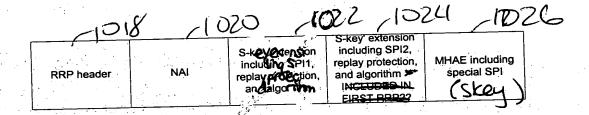


FIG. FIG.

C1120

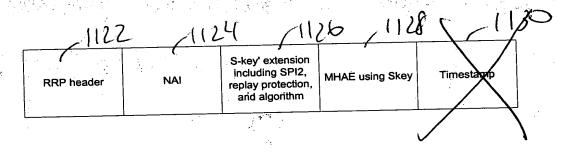


FIG. H B

